"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

KLYACHKO, Yu.A.; CHISTYAKOVA, Ye.M.; LABUT'YEV, Yu.D.

Vacuum chromatography for the determination of gases in metals.
Sbor. trud. TSNIICHM no.31:87-88 '63. (MIRA 16:7)
(Gases in metals—Analysis) (Chromatographic analysis)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

KLYACHKO, Yu.A.; CHISTYAKOVA, Ye.M.

Determination of gases in chromium. Sbor. trud. TSNIICHM no.31: 114-116 '63. (MIRA 16:7)
(Chromium--Analysis) (Gases in metals--Analysis)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

KLYACHKO, Yu.A.; IZMANOVA, T.A.; CHISTYAKOVA, Ye.M.

Determination of gases in tungsten. Sbor. trud. TSNIICHM no.31: 133-134 '63. (MIRA 16:7)
(Tungsten--Analysis) (Gases in metals--Analysis)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

L 14415-63 EWP(q)/EWT(m)/BDS AFFTC/ASD ,D/HM/JG

ACCESSION NR: AP3004562 S/0032/63/029/008/0923/0924

AUTHOR: Klyachko, Yu. A.; Izmaylova, T. A.; Chistyakova, Ye. M.

TITLE: Gas determination in sheet molybdenum

SOURCE: Zavodskaya laboratoriya, v. 29, no. 8, 1963, 923-924

TOPIC TAGS: molybdenum, sheet molybdenum, gas determination, oxygen, hydrogen, nitrogen, carbon monoxide, vacuum-melting method, hydrocarbon

ABSTRACT: Because poorly reproducible results are encountered in gas determination in sheet molybdenum 2—3 mm thick, an analytical method has been developed for determining oxygen, hydrogen, nitrogen, and carbon monoxide in such molybdenum by the vacuum-melting method. About 30% iron or nickel is alloyed with the molybdenum sample to lower its melting point to 1650C. To drive off moisture and adsorbed gases, the sample is preheated at 200—250C for 15—20 min in a special quartz extension of the vacuum furnace. Without contact with the air the sample is then immediately analyzed at 1700C by the vacuum-melting method. The preheating at 250C prevents hydrocarbon formation by the reaction of water vapor with molybdenum carbide and thus improves the reproducibility of results. Orig. art. has: 2 tables and 1 figure.

Card 1/2 ASSOCIATION: Central Scientific Research Inst. of Ferrous Metallurgy

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

TIMOSHENKO, N.N.; IZMANOVA, T.A.; CHISTYAKOVA, Ye.M.

Automatic determination of gases in steel by means of the exhalograph EA-1. Zav. lab. 31 no.9:1068-1069 '65. (MIRA 18:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii imeni Bardina.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYAKOVA, Ye.M., Cand Phys-Math Sci -- (diss) "Application of the method of terminal differences to the solution of mixed problems for certain hyperbolic and parabolic equations and systems." Len, 1956, 8 pp (Len State Ped Inst), 100 copies. (KL, 1-58, 114)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

PED', D.A.; KOZEL'TSEVA, V.F.; CHISTYAKOVA, Ye.M.

Method of forecasting the mean monthly air temperature anomaly based on the consideration of types of processes observed during the preceding months. Trudy TSIP no.109:41-58 '61. (MIRA 14:5)
(Weather forecasting)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

ACCESSION NR: AP4005078 S/0032/63/029/012/1425/1427

AUTHOR: Klyachko, Yu. A.; Izmanova, T. A.; Chistyakova, Ye. M.

TITLE: Determination of the oxygen, hydrogen, and nitrogen contents in tungsten, niobium, and tantalum

SOURCE: Zavodskaya laboratoriya, v. 29, no. 12, 1963, 1425-1427

TOPIC TAGS: tungsten, niobium, tantalum, oxygen determination, vacuum melting, tantalum carbides, tungsten carbides, niobium carbides, nitrogen determination, hydrogen determination, vacuum fusion method

ABSTRACT: Because the conventional vacuum-fusion method with iron fluxing bath for determining oxygen, hydrogen, and nitrogen in metals is not reliable in the case of tungsten, niobium, tantalum, and their carbides, a new procedure, applicable to these metals, was developed. For tungsten, tantalum, and niobium, the iron fluxing bath is replaced by cobalt, nickel, and nickel, respectively. The use of cobalt and nickel as fluxing metals provides higher fluidity of the melts and quantitative evolution of the gases to be determined. The concentration of the analyzed metals in the melts should not exceed 30%. The

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ACCESSION NR: AP4005078

fluxing baths are degassed at 1900C for 10—15 min, and liberation of the gases is carried out at 1750—1800C. With the nickel fluxing bath, oxygen is determined with a relative error of 2% in niobium and 5% in tantalum. The procedure is also applicable for the determination of the gases in the carbides of these metals. Orig. art. has: 4 tables.

ASSOCIATION: Tsentral'ny*y nauchno-issledovatel'skiy institut chernoy metallurgii (Central Scientific Research Institute of Ferrous Metallurgy)

SUBMITTED: 00	DATE ACQ: 19Dec63	ENCL: 00
SUB CODE: CH	NO REF SOV: 002	OTHER: 001

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APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYUKHIN, I.I.

BOL'SHAKOV, A.M., inzhener; CHISTYUKHIN, I.I., inzhener.

Loading logs in open freight cars with a tractor loader. Mekh.trud.rab. 7 no.8:46 Ag '53. (MLRA 6:8)
(Loading and unloading)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

S/169/63/000/001/039/062
D263/D307

AUTHORS: Vol'fson, N.B., Chembarisov, Sh.A. and Chistyy, B.I.

TITLE: An attempt at the application of geochemical and geophysical methods to the prospecting for gold-bearing mineralization in Uzbekistan

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1963, 9, abstract 1D49 (Byul. nauchno-tekhn. inform. M-vo geol. i okhrany nedr SSSR, 1962, no. 1 (35), 52-56)

TEXT: Gold-prospecting was carried out on the Western outskirts of the Turkestan Range. On the basis of the results obtained, it is recommended that analogous prospecting should be carried out in three stages: (1) Metallometric and magnetic surveying to a scale of 1:50,000, or more closely in regions offering a better change of containing gold. The aim of these surveys is to plot the contours of intrusions and to isolate from their exo-contact zones the more promising plots by the dispersion aureoles of indicator metals. It was found that in the case of prospecting for gold-bearing deposits

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S/169/63/000/001/039/062
D263/D307

An attempt at the application ...

the following metals may be regarded as indicators: As, Ag, Pb, Zn, Cn, Co, W (in this order). Aureoles of these metals in the north-western part of the region studied overlap with each other, forming complex fields. (2) Assessment of the anomalous plots isolated in this way, by confirmatory traverses, collecting samples to be analyzed for Au and testing concentrates. The aim of this stage is to define the most promising plots on which (3) detailed aurimetric surveys may be carried out, on a scale of 1:10,000, electroprospecting (the ИЭ (IZh) method, combined and symmetric profiling) and assaying the concentrates. The results of detailed investigations are checked by small-scale mining. A preliminary assessment of the isolated gold ore is given, and the advisability of starting surveying work is determined.

[Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYY, L.

All-Union Volunteer Society for the Assistance of the army, aviation, and Navy is the mass patriotic organization of workers. Voen.znan. 29 no. 5: 809 My '53. (MLRA 6:6)
(Military education)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

3129 CHISTYY, L.

Patrioticheskoye oboronnoye obschestvo. M., Izd-vo Dosaaf. 1954. 64 S. S ill. 17SM. (Vsesoyuz. ordena krasnogo zhameni Dobrowol'noye o-vo sodeystviya armii, avhatsii i floty). 30,000 ekz. Bespl. - Avt. ukazan v vyp. dan. - (54-57900) p 355.58 (062)(47)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYY, L.

Wider utilization of local radio communication in the work of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Radio no.3:12-13 Mr '54. (MLRA 7:3)
(Radio clubs)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYY, L.L.

For persistent improvement of techincal propaganda. Za rul.14 no.7:3 O '56. (MLRA 10:3)

1. Nachal'nik otdela propagandy i agitatsii TSentral'nogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.
(Military education) (Automobiles--Study and teaching)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

Chistyy L.

CHISTYY, L.

Initiative and creative power of masses. Za rul. no.12:2 of cover -1 D '57. (MIRA 11:1)

1.Nachal'nik otdela propagandy TSentral'nogo Komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.
(Automobile drivers)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYY, L.

[Dissemination of military knowledge in the lower echelons of the All-Union Voluntary Society for Assistance to the Army, Air Force, and Navy] Propaganda voennykh znanii v pervichnoi organizatsii DOSAAF. Moskva, Izd-vl DOSAAF, 1958. 69 p. (MIRA 14:7)
(Military education)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYY, L.

Winners. Za rul. 18 no.5:1 My '60. (MIRA 14:3)

1. Nachal'nik otdela propagandy voyennykh znaniy Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Motor vehicles—Societies, etc.)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYY, L.

Develop social principles in every possible way. Voen.znan. 38 no.8:8-9 Ag '62. (MIRA 15:8)

1. Starshiy inspektor TSentral'nogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Military education)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISTYY, L.

The Spartakiada in a rural region. Voen.znan. 40 no.11:33 N '64.
(MIRA 18:1)

1. Otvetstvennyy sekretar' byuro Federatsiy tekhnicheskikh vidov sporta, TSentral'nyy komitet Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISU, A.; LAMOTH, P.; CISMAN, A.

Mercury vapor rectifiers as oscillators. p. 91. STUDII SI CERCETARI DE FIZICA. Bucuresti. Vol. 6, no. 1, Jan/Mar. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISU, A.

Nodular graphitic cast iron in machinery construction in the field of railways. p. 16. (METALURGIA SI CONSTRUCTIA DE MASINI. Vol 9, no. 3, Mar. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957 Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISU, A.; POPA, B.

"Improvement of utilization indexes of cupola furnaces."

p. 132 (Probleme Feroviare) Vol. 3, no. 4, Apr. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

IANCU, A., prof.; IACOB, St., dr.; IANCU, A.T., jr., dr.; DIVIN, M., dr.; CHISU, A., dr.; RACASAN, A., dr.

EEG aspects of the hypoxia syndrome in children. Pediatria (Bucur) 14 no.1:1-5 Ja-F'65.

1. Lucrare efectuata in Clinica de pediatrie nr. 1, Institutul medico-farmaceutic, Cluj (Sef de sectie: prof. A. Iancu) si in Clinica de neurochirurgie, Cluj (Sef de sectie: dr. St. Iacob).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISU, Alexandru, conf.ing.; FUFEZAN, V., ing.; POPA, M., ing.; POP, S., ing.

On the increased durability of the bridges and molds in operation. Metalurgia constr mas 14 no.3:193-199 Mr '62.

1. Institutul politehnic, Cluj (for Chisu). 2. Intreprinderea metalurgica, Aiud (for Fufezan, Popa, and Pop).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

IANCU, Axente, prof.; LUSTIG, T.; CHISU, A.; TOMA, L.

The long-sight prognosis of chorea minor. Rumanian M Rev. no.2:50-52 Ap-Je '60.
(CHOREA diagnosis)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

Chisu A.

Chi, Tsung-hsun. Institut Politekhnic

Inzhed prilozhen (Scientific Works) Chi, Interpriderna Poligrafiya, 1959. 657 p. Errata slip inserted. No. of copies printed not given. No contributors mentioned.

PURPOSE: This book is intended for mathematicians, physicists, chemists, and civil and mechanical engineers.

COVERAGE: The book consists of 59 papers by Russian specialists on problems in science and technology, particularly mathematics, physics, chemistry, metallurgy, civil and mechanical engineering. Summaries in Russian and French or German are given at the end of each article. Some of the articles are accompanied by references. No personalities are mentioned. At the back of the book there are 29 references, all Russian.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

RUM/9-11-4-6/43

25(5)

AUTHORS: Chişu, Al., Engineer, Albu, T. and Pop, Ştefan, Engineers

TITLE: Some Aspects of the Wear and Limit-Lubrication in Zinal Journal Bearings

PERIODICAL: Metalurgia şi Construcţia de Maşini, 1959, Vol 11, Nr 4, pp 287-290 (RUMANIA)

ABSTRACT: The sliding bushings made from zinal, cast and processed at the factory "1 Mai", Ploeşti, Rumania, have been tested in heavy-duty operating conditions, at high specific pressures of 40 to 150 kilograms per sq.centimeter (569 to 2133.5 psi), and low speeds of 315 rpm. The plotting of the temperature and friction coefficient against the time gives picture of wear in various tests, figures 1 to 5. It is noted that after a smooth increase there is a sudden variation to a maximum temperature and friction coefficient, followed by a decrease to a stable value. The maximum temperature observed was 59°C (138.2 F) which indicates no danger of jamming. The authors also tested the journal bearings of zinal under limit-lubrication conditions. They explain the formation of

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

Some Aspects of the Wear and Limit-Lubrication in Zinal Journal Bearings

the limit layer qualitatively. The experiments were made with a lubricant corresponding to Rumanian standard 413STAS 751-49, of 13° Engler. The authors conclude that under the heavy-duty operating conditions (2130 psi) the bearings tested had remarkable qualities. They affirm that zinal is as good as bronze or other antifriction materials, and it has the advantage of being cheaper. Limitations for zinal (zinc-aluminum alloys) are imposed by acid mediums and temperatures over 120°C (248 F). There are 7 graphs, 1 diagram and 1 table.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

R/008/62/013/006/005/008
A065/A126

AUTHORS: Chişu, A., Maroş, D., Albu, T., Hulpe, G., Mateişanu, D., Daly, A., Szabo, A.

TITLE: Contributions to the investigation of the wear of gears by means of radioactive isotopes

PERIODICAL: Studii şi cercetări de mecanică aplicată, v. 13, no. 6, 1962, 1,549 - 1,555

TEXT: A Co^{60} bolt, 3 mm long and 1 mm in diameter, was introduced into the tooth-face of a gear of globular pearlite cast iron, while the gear was then subjected to a long-period test in a universal gear testing machine provided with a closed circuit lubrication and a Geiger-Müller counter. The radioactive particles, retained together with the wear dust by the oil filter, were detected by the Geiger-Müller counter, whereas the impulses were counted in 1/2-hour intervals. The qualitative wear curves, traced on the basis of this method, show the evolution of the wear depending on time and load. Presented are then the calibration process used for the qualitative estimation of the wear, as well as the

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calculation of the wear of the tested gear. The precision of these measurements is limited by the statistic character of the radioactive disintegration. In the case of the conducted experiments, the statistic error varied between ± 2% and ± 5%. These preliminary experiments compiled in a table present the result of the wear test, depending on time and load. The tests conducted by the Institutul politehnic (Polytechnical Institute) in Cluj, the Laboratorul de radioizotopi, Institutul de fizică atomică (Laboratory of Radioisotopes, Institute of Nuclear Physics) in Cluj, and the Uzinele "1 Mai" ("1 Mai" Plant) in Ploieşti, will be continued. There are 4 figures.

ASSOCIATIONS: Institutul politehnic (Polytechnical Institute) in Cluj (Chişu, Maroş, Albu, Hulpe, Mateişanu, and Daly); Institutul de fizică atomică (Institute of Nuclear Physics) in Cluj (Szabo)

SUBMITTED: June 16, 1962

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISU, A.; MAROS, D.; ALBU, T.; HULPE, G.; MATIESANU, D.; DALY, A.; VERES, A.; SZABO, A.

Determining the wear and tear on cogwheels by radioactive isotopes. Bul stiint polit Cluj no.5:217-223 '62.

1. Institutul de fizica atomica Cluj (for Szabo).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISU, Alexandru, conf. ing.; FUFEZAN, V., ing.; POPA, M., ing.; POP, S., ing.

Contributions to the increase of durability of bridges and ingot molds during exploitation. Metalurgia constr mas 14 no. 3:193-199 Mr '62.

1. Institutul politehnic, Cluj (for Chisu).
2. Intreprinderea metalurgica, Aiud (for Fufezan, Popa).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHISU, A.; MAROS, D.; ALBU, T.; HULPE, Gh.; BOGDAN, M.; MATIESAN, Dorina; DALY, A.; VERES, A.; SZABO, A.

Contributions to the studies on the wear of spur gear wheels with straight teeth made of nodular graphite cast iron with the aid of radioactive isotopes. Bul stiint polit Cluj 6:213-223 '63.

1. Institute of Atomic Physics, Magurele (for Szabo).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

BUSILA, V.T., prof.; VASILESCU, I.; PLACINTA, A.; CHISU, V.

Staphylococcal epiduritis with meningitis and consecutive paraplegia. Microbiologia (Bucur) 6 no.1:32 Ja-F '61.

1. Clinica de boli contagioase si Serviciul de neorochirurgie, Institutul de medicina, Timisoara).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITADZE, V.S.

Causes of the formation and dynamics of snow avalanches in the Dariali region. Trudy Inst.geofiz.AN Gruz.SSR 17:527-541 '58. (MIRA 13:4)

1. Institut geofiziki AN GruzSSR, Tbilisi.
(Dariali region--Avalanches)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITADZE, V.S., Cand Phys-Math Sci -- (diss) "Formation and movement of snow slides in the Great Caucasus." Tbilisi, 1959. 24 pp El'brus expodition of the Institute of Applied Geophysics of the Acad Sci USSR. Inst of Geophysics of the Acad Sci Georgian SSR). 150 copies (KL,37-59, 106)

13

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITADZE, V.S.

Formation of avalanches and their control. Trudy Tbil.NIGMI no.9:100-106 '61. (MIRA 15:3)

1. El'brusskaya ekspeditsiya Instituta prikladnoy geofiziki AN SSSR.
(Caucasus--Avalanches)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAKHOVA, M.S.

SHAPIRO, S.Ye., dotsent, ispolnyayushchiy obyazannost' zaveduyushchego; RAKHIMOV, Ya.A., chlen-korrespondent Akademii nauk Tadzhikskoy SSR, direktor; CHITAKHOVA, M.S., zasluzhennyy vrach Tadzhikskoy SSR, glavnyy vrach.

Effect of different methods of specific vaccine therapy upon the degree of sensitivity of patients affected by brucellosis to intravenous vaccination. Zhur.mikrobiol.epid.i immun. no.8:43-47 Ag '53. (MLRA 6:11)

1. Klinika infektsionnykh bolezney Stalinabadskogo meditsinskogo instituta na baze Stalinabadskoy gorodskoy infektsionnoy bol'nitsy (for Shapiro). 2. Stalinabadskiy meditsinskiy institut na baze Stalinabadskoy gorodskoy infektsionnoy bol'nitsy (for Rakhimov). 3. Stalinabadskaya gorodskaya infektsionnaya bol'nitsy (for Chitakhova). (Brucellosis) (Vaccination)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

KIR'YANOVA, A.I.; CHITAKHOVA, M.S.

Joint conference of research institutes on the problem of influenza. Zdrav.Tadzh. 6 no.3:41-42 My-Je '59.

(INFLUENZA RESEARCH) (MIRA 12:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

USSR/Cultivated Plants. Medicinal Plants. Essential Oil Plants. M
Poisonous Plants.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77906.

Author : Chitanava, Yu. Ye
Inst : All-Union Scientific-Research Institute of Synthetic and Natural Perfumes..
Title : The Primorskaya Lily as an Essential Oil Plant.

Orig Pub: Tr. Vses. n.-i. in-t sintetich. i natural'nykh dushistykh veshchestv, 1957, vyp. 3, 97-103.

Abstract: Pancratium maritimum L. (I), the primorskaya lily - is a bulb herbaceous plant of the amaryllis family; met in the wild state in countries which are located in the Mediterranean basin from Spain to Syria, as well as in separate rayons of western

Card : 1/3

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

USSR/Cultivated Plants. Medicinal Plants. Essential Oil Plants. M
Poisonous Plants.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77906.

Transcaucasia. Detailed botanical features of the species are cited. Activities conducted at the Sukhum ZOG in 1942-1943 showed the possibility of utilization of the essential oil of I in perfume. The work cited was conducted with the purpose of clarification of the problem of soils useful for growth of I in cultivation. It was shown that I on alluvial soil gives the lowest percentage of flowering plants and the lowest harvest of flowers; with cultivation of I on other soils (ration of soil to sand 1:1 and 1:2) more flowering plants are obtained and the harvest of flowers comes closer to the harvest of flowers with cultivation of I on

Card : 2/3

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

USSR/Cultivation Plants. Medicinal Plants. Essential Oil Plants. Poisonous Plants. M

Abs Jour: Ref Zhur-Biol., no 17, 1958 77906.

marine sand; therefore with the introduction of I into cultivation it is necessary to grow it mainly on sandy soils or on mixtures of soil and sand. Simultaneously the influence of the size of the plant material of I on the harvest was studied. Observations conducted showed that, as plant material, it is necessary to take large bulbs with a diameter of 4.2-7.0 cm which blosson earlier and provide the greatest harvest of flowers. -- T. L. Braytseva.

Card : 3/3

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITASHVILI, S.Sh.

Improvement cuttings in mountain forests. Trudy Inst. lesa AN Gruz. SSR 8:73-98 '58. (MIRA 12:10)
(Georgia--Forest management

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHI'TASHVILI, S.Sh.

Photosynthesis in pine stands as related to improvement falling. Soob.AN Gruz.SSR 25 no.5:595-598 N '60. (MIRA 14:1)

1. Akademiya nauk GruzSSR, Institut lesa, Tbilisi. Predstavleno akademikom V.Z.Gulisashvili.
(Pine) (Photosynthesis)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITASHVILI, S. Sh.

Use of the radiometric method in determining photosynthesis in forestry. Bot. zhur. 48 no.3:395-402 Mr '63.
(MIRA 16:4)

1. Institut lesnogo khozyaystva AN Gruzinskoy SSR, Tbilisi.

(Photosynthesis) (Georgia--Oak)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITASHVILI, S.

Thinning pole-size spruce-fir and beech stands. Trudy Inst. lesa AN Gruz. SSR 10:145-160 '62. (MIRA 17:3)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITASHVILI, S.Sh.

Growth and development of the young pine and oak growths in the mountain forests of Georgia in connection with improvement cutting. Trudy Inst. lesa AN Gruz. SSR 12:61-80 '63.

(MIRA 18:2)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHKHAIDZE, L., mladshiy nauchnyy sotrudnik; CHITAVA, Z.; ORLOV, Yu., mladshiy nauchnyy sotrudnik; MANUKOV, R.; ZAKOMORNYY, G., mekhanik

If it's manufactured in the Soviet Union it is of a superb quality. Radio no.2:34-35 F '64. (MIRA 17:3)

1. Gruzinskiy politekhnicheskiy institut (for Chkhaidze). 2. Starshiy inzh. Vychislitel'nogo tsentra AN Gruzinskoy SSR (for Chitava). 3. Institut kibernetiki AN Gruzinskoy SSR (for Orlov). 4. Starshiy tekhnik Vychislitel'nogo tsentra AN Gruzinskoy SSR (for Manukov). 5. Institut elektroniki AN Gruzinskoy SSR (for Zakomornyy).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAIA, G. S.

"L'agriculture dans les regions montagneuses de la Gerogie dans le passe et le present."

Report submitted for the 6th Intl. Anthrological and Ethnological Sciences Congress, Paris, 31 Jul- 5 Aug 1960.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

RAZMADZE, A.N.; KOKOSHASHVILI, R.I.; MEIASHVILI, Yu.K.; CHITAYSHVILI, Z A.

New type of standardized single-circuit 110 kv. overhead power transmission line tower for mountainous areas. Trudy GPI [Gruz.] no.1:153-159 '63. (MIRA 18:2)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYA, G.S.

[Agriculture in the Georgian mountains] O gornom zemledelii v Gruzii. Moskva, 1960. 13 p. (MIRA 14:8)
(Georgia—Agriculture)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYA, G. S.

"O nekotorykh chertakh drevnekolkhskoy kul'tury."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

NIKOBADZE, I.I.; TATISHVILI, Ir.Ya.; KURCHISHVILI, I.B.; ZHGENTI, V.K., akademik, red.; ZURABASHVILI, A.D., akademik, red.; KAVTARADZE, P.P., akademik, red.; TSULUKIDZE, A.P., akademik, red.; ERISTAVIK K.D., akademik, red.; CHITAYA, G.S., red.; KHUNDADZE, G.R., zasl. deyatel' nauki, prof., red.; MESKHIA, Sh.A., prof., red.

[Basic stages of the development of medicine in Georgia] Osnovnye etapy razvitiia meditsiny v Gruzii. Tbilisi, Izd-vo "Metsniereba," 1964. 286 p. (MIRA 17:12)

1. Akademiya nauk Gruzinskoy SSR (for Zhgenti, Zurabashvili, Kavtaradze, TSulukidze, Eristavi). 2. Chlen-korrespondent AN Gruzinskoy SSR (for Chitaya, Khundadze, Meskhia).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYEVA, A.I.

Rating the effectiveness of the therapeutic use of synthomycin in typhoid fever in children. Pediatriia 39 no.4:84 Jl-Ag '56.
(CHLOROMYCETIN) (TYPHOID FEVER) (MLRA 9:12)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYEVA, N.A.

Distribution of rare and disseminated elements in ore deposits of the Kadaya-Pokrovskiy ore region (eastern Transbaikalia). Krat. soob. IMGRE no.1:66-70 '60.
(MIRA 17:3)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

KUZNETSOV, K.F.; MEYTUV, G.M.; CHITAYEVA, N.A.; LIZUNOV, N.V.

Regularities in the distribution of rare elements in complex ore deposits of eastern Transbaikalia. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:162-179 '59. (MIRA 14:5)
(Transbaikalia—Chemical elements)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

GUREVICH, Yu.Ya. (Moskva); CHITAYEVA, N.A., kand.geol.-mineral.nauk (Moskva)

Brief notes on books. Priroda 52 no.6:24, 33, 84 '63. (MIRA 16:6)
(Broglie, Louis, De, 1892-)
(Transbaikal region--Ore deposits)
(Electric power)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYEVA, N.A.

Geology of the Yavlenka ore field. Trudy IGEM no.83:202-237 '63. (MIRA 16:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYEVA, E.A., inzh.; BLIZNYUK, V.A., inzh.

Portable vulcanizer. Gor. zhur no.4:51 Ap '63. (MIRA 16:4)

1. Gosudarstvennyy institut po proyektirovaniyu oborudovaniya po dobyche i obogashcheniyu rud, Krivoy Rog.
(Vulcanization—Equipment and supplies)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYEVA, N.A.

Replacement of sulifide ores by quartz in the Novo-Pokrovskoye deposit. Geol. rud. mestorozh. no.6:88-90 N-D F '60. (MIRA 14:3)

1. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov AN SSSR, Moskva.
(Transbaikalia--Quartz) (Transbaikalia--Sulfides)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYEVA, N.A.

Tectonic boudinage in the localization of ores in the Yavlenskoye deposit (eastern Transbaikalia). Izv.vys.ucheb.zav.; geol. i razv. 4 no.11:73-81 N '61. (MIRA 15:2)

1. Moskovskiy institut tsvetnykh metallov i zolota imeni M.I.Kalinina.
(Transbaikalia—Ore deposits)(Transbaikalia—Geology,Structural)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITAYSHVILI, A. A.

6816. Chitayshvili, A. A. Komnatnaya kul'tura limona v kadkakh. Tbilisi, 1954. 14 s. s. ill. 20 sm. (M-vo sovkhozov Gruz. SSR. Upr. s.-kh. propagandy). 6.000 ekz. Bespl.-(55-1777) P 634.33

SO: Knizhnaya Letopis' No. 6, 1955

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

ARUTYUNYAN, A.S.; CHITCHYAN, A.G.

Effect of mineral fertilizers on the frost-resistance of the grapevine. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 4 no.3:283-287 '51 (MLRA 9:8)

1. Institut vinodeliya i vinogradarstva Akademii nauk Armyanskoy SSR.
(Grapes) (Fertilizers and manures)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITCHIAN, A. I.

CHITCHIAN, A. I. Vasilii Vasil'evich Dokuchaev i nauka o pochve. K stoletiiu so dnia rozhdeniia (1846-1946). Erevan, AN ArmSSR, 1946, 38 p.
Erevan, AN ArmSSR, 1946. 38 p.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

USSR/Soil Science - General Problems. J.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67863

Author : Chitchyan, A.I.

Inst : Academy of Science ArmSSR

Title : Soil Science in Armenia for the Last 40 Years.

Orig Pub : Izv. AN ArmSSR, Biol., i s.-kh. n., 1957, 10, No 11, 53-69

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITCHYAN, A.I.

On an indescrete review. Izv. AN Arm. SSR. Biol. nauki 14 no.8: 85-88 Ag '61. (MIRA 14:9)
(ARMENIA--CROP ZONES)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

ANAN'YAN, A.K., doktor tekhn. nauk, prof.; BEK-MARMARCHEV, B.I., kand. geogr. nauk; ZHAMAGORTSYAN, V.N., kand. tekhn. nauk; CHITCHYAN, A.I., kand. sel'khoz. nauk; YEDIGARYAN, Z.P., mlad. nauchnyy sotr.; SATIAN, M.A., kand. geol.-mineral. nauk; PAYRAZYAN, V.V., mladshiy nauchnyy sotr.; VEBER, V.V., prof.; NAZARYAN, A.G., kand. tekhn. nauk; POKHSRARYAN, M.S., mladshiy nauchnyy sotr.; TER-ASTVATSATRYAN, M.I., mladshiy nauchnyy sotr.; VELIKANOV, M.A.; VELIKANOV, M.A., otv. red.; SHTIBEN, R.A., red. izd-va; KAPLANYAN, M.A., tekhn. red.

[Results of complex research on the Sevan problem] Rezul'taty kompleksnykh issledovanii po Sevanskoi probleme. Erevan, Izd-vo AN Armianskoi SSR. Vol.2. [Channel processes] Ruslovye protsessy. 1962. 255 p. (MIRA 15:7)

1. Akademiya nauk Armyanskoy SSR, Yerivan. Institut vodnykh problem. 2. Chlen-korrespondent Akademii nauk SSSR (for Velikanov).

(Sevan Lake region—Hydrology)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

CHITCHYAN, G. A., OSIPOV, O. B.

Fertilizers and Manures

Effect of mineral fertilizers on hay crop in Nagorno-Karabakh. O. B. Osipov, G. A. Chitchyan. Korm., baza, 2, no. 12, 1951

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

1. CHITCHYAN, G.A., OSIICV, O.B.

2. USSR (600)

4. Sudan Grass - Azerbaijan

7. Introduce Sudan grass cultivation into the Azerbaijan S.S.R. Korm.baza 3, no. 11. 1952

9. Monthly List of Russian Accessions, Library of Congress, Sudan 1953, Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

DOBRE, Nelu (Buzau); CHITEI, Gh.A. (Deva); CAPITAN, Gh. I., prof. (Anina); GRIGORESCU, D. Nicolae (Hirsova); NISTOR, Gh.V. (Buzau); MIHALASCU, D., prof. (Pitesti); VELESCU, I. (Pitesti); DUMITRIU, C. (Focsani); SIMON, Petre (Tirgu Mures); BAERA, B., prof. (Paunesti); COJOCARU, Ion (Craiova)

Exercises and problems proposed for grades 5-8. Gaz mat B 16 no.1: 39-42 Ja '65.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

STEINHACH, M.; DOBREANU-ENESCU, Viorica; CHITESCU, Elena; MARCUS, N.; IOTA, C. G.

Treatment of arterial hypertension with heparin. Stud. cercet. med. intern. 2 no.5:671-679 '61.

(HYPERTENSION therapy) (HEPARIN therapy)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

IOTA, C.G.; RUNCAN, V.; CHITESCU, Elena; SUTEANU, St.; ERNEST, I.

The neruovegetative syndrome in chronic hepatitis. I. Preliminary investigations. Stud. cercet. med. intern. 2 no.2:203-217 '61.
(HEPATITIS, INFECTIOUS complications)
(AUTONOMIC NERVOUS SYSTEM diseases)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

RUNCAN, V., dr.; MIRON, C., dr.; VASILIU, I., dr.; CHITESCU, E., dr.; SUTEANU, St., dr.

Frequency of chronic hepatitis following epidemic hepatitis and factors in its chronicization. Med. intern. 15 no.4: 473-483 Ap '63.

1. Lucrare efectuata in Institutul de medicina interna al Acad. R.P.R. si Ministorului Sanatatii si Prevederilor Sociale (director: acad. N. Gh. Lupu).
(HEPATITIS) (HEPATITIS, EPIDEMIC)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

MUNTEANU, Corneliu (Bucuresti); PESTROIU, Daniel (Tirgu Jiu); PIRSAN, Liviu (Bucuresti); VOICULESCU, Dan (Bucuresti); ALBESCU, I. (Rm. Sarat) PELTEANU, Ioan (Bucuresti); STANCU, I.M. (Bucuresti); CHITESCU, Ion (Bucuresti); STANESCU, Ilie (Sibiu); IONESCU, Traian (Braila); KACSO, F. (Cluj); MANESCU, L. (Rimnicu Vilcea); IONESCU-TIU, C.; FOCSENEANU, M.I.; POPA, Eugen (Iasi); MIHALCA, Dan (Bucuresti); PELIGRAD Nicolae, prof. (Pitesti); BENA, I. Dorin (Campulung); STANCU, Ion M. (Bucuresti)

Proposed problems. Gaz. mat B 16 no.2:86-91 F '65.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910016-3

S/081/62/000/018/050/059
B168/B186

AUTHORS: Atoyan, V. V., Chitinyan, Yu. S.

TITLE: Viniplast as material for 6-10 kv insulators

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 18, 1962, 508, abstract 18P124 (Sb. nauchn. tr. Yerevansk. politekhn. in-t. Yerevan, 1960, 325 - 334)

TEXT: The authors investigated the properties of Viniplast (dielectric losses, corona resistance, atmospheric resistance, resistance to thermal breakdown) as material for 6-10 kv insulators. It was found that Viniplast is not suitable for such insulators owing to its corona instability, its low thermal stability and its susceptibility to thermal breakdown at ambient temperature of 50 - 60°C. [Abstracter's note: Complete translation.]

Card 1/1

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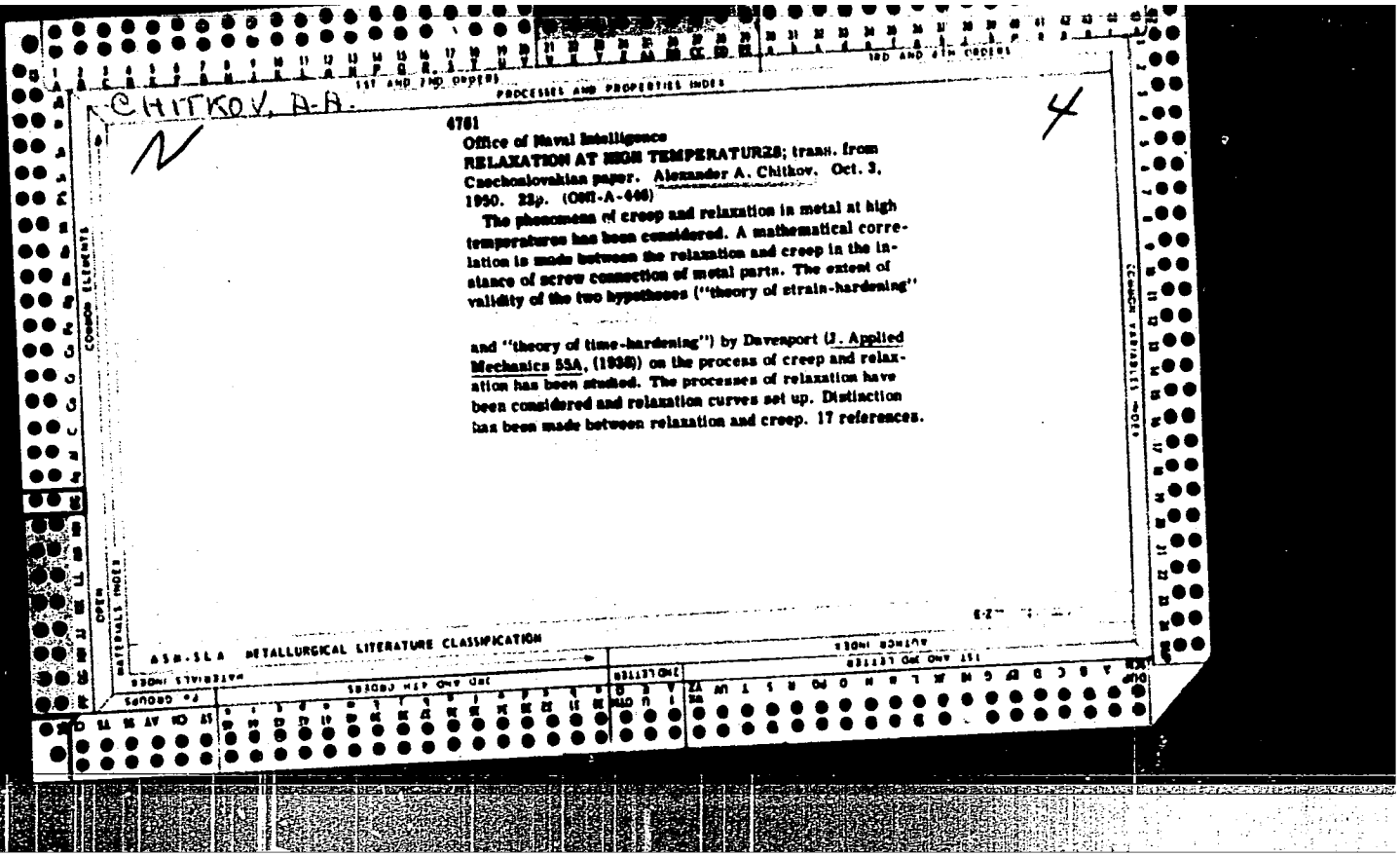

CHITKOV, A.A.

4761
Office of Naval Intelligence
RELAXATION AT HIGH TEMPERATURES; trans. from Czechoslovakian paper. Alexander A. Chitkov. Oct. 3, 1950. 22p. (ONI-A-446)

The phenomena of creep and relaxation in metal at high temperatures has been considered. A mathematical correlation is made between the relaxation and creep in the instance of screw connection of metal parts. The extent of validity of the two hypotheses ("theory of strain-hardening" and "theory of time-hardening") by Davenport (J. Applied Mechanics 5SA, (1938)) on the process of creep and relaxation has been studied. The processes of relaxation have been considered and relaxation curves set up. Distinction has been made between relaxation and creep. 17 references.

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CHITKOV, A. A.
C-A

The relaxation of metals at high temperatures. Alexander A. Chitkov. *Zhurnal Tekhnicheskoi Fiziky* 9, 52-6(1950).—If a tension-stressed specimen is subjected to conditions which do not allow a change of the initial deformation, a decrease of stress, called relaxation, occurs. Two theories are postulated for the interrelation between the relaxation and the creep phenomena: there are the time-hardening and the strain-hardening theories. However, test results indicate that neither of them defines correctly the relation between the relaxation and the creep phenomena, because the mechanism of the plastic deformation and also the internal micromechanical process are different for the 2 phenomena. Therefore C. considers it necessary to conduct research work on the relaxation phenomenon independently of work on creep. Results of Soviet research on this subject are given. E. Gros

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